HW#35: Circles & Review

Geometry

Due Date: Monday, Nov. 2nd

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

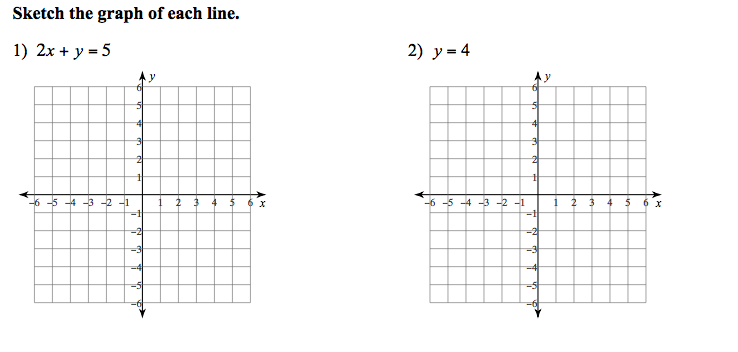
**Failure to show work on all problems or use complete sentences will result in a LaSalle**

**Part I** - Area and Perimeter Word Problems – Notes

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Directions:** Copy these notes down into your geometry notebook.   |  |  | | --- | --- | | **Common words used in word problems** | **Mathematical representation; operation** | | Is | = ; equals | | *a*  times as large as *b* | ; multiplication | | *c* less than *d* | *;* subtraction | | *c* more than *d* | *;* addition |   Helpful steps in breaking down a word problem   1. Underline/annotate mathematically important information 2. Draw a picture 3. Determine what you’re looking for. What is the question asking us to find/do? 4. Determine what you know and what information you are given. Can you represent it mathematically (use the table above to help!)? 5. What do you know, in general, about what information you’re given and what you have to find? 6. Make a plan to use what you know and what you’re given to find what you want to know.   Follow Steps 1-6 for the problem below:  The perimeter of a rectangle is 42 centimeters. The width of the rectangle is twice as long as its length. Find the length and width of the rectangle, then find the area. |

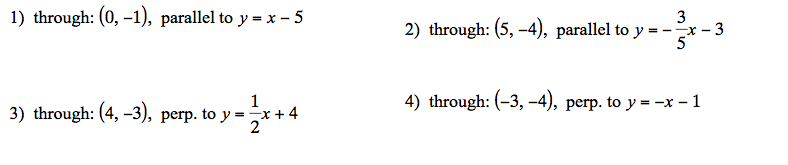
**Part II** – Review

Graph Linear Equations

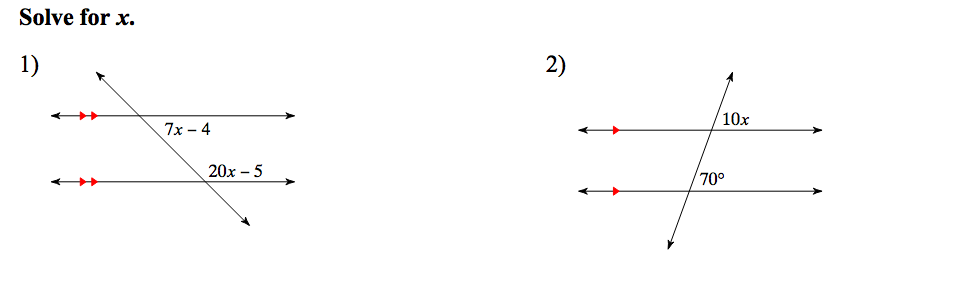


Parallel and Perpendicular Lines

**Write the equation of the given line.**



Parallel Lines and a Transversal!



Angle Sums

